

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as currently pending in the subject application, now read as follows:

1 to 19. (Cancelled)

20. (Currently Amended) A data processing apparatus for output-processing image data for respective pages, comprising:

a memory for storing page management records and page data;
a page data management unit constructed to perform a management process
for each of respective pages scanned by an image reader, wherein the management process
comprises:

creating a create page management records record and storing the page
management record in the memory, wherein the page management record corresponds to
corresponding to respective pages of RAW image data from plural pages the respective
page scanned by [[an]] the image reader,

generating generate a first type of page data and a second type of page data
and storing the first and second types of page data in the memory, wherein the first type of
page data includes for management for one page of the RAW image data representing the
respective page and [[a]] the second type of page data includes for management for image
data generated by encoding said one page of the RAW image data included in the first type
of page data, in the respective one of the page management records;

writing a memory address of the first type of page data and a memory address of the second type of page data to the page management record,

managing manage respective output processes by a first output unit and a second output unit referring to the created page management record records, and

deleting delete the first type of page data from the corresponding page management record in response to completion of the references by both the first and second output units to the first type of page data, and

a control unit constructed to perform a control process for each of said respective pages scanned by the image reader, wherein the control process comprises:

monitoring monitor completion of storing the RAW image first type of page data scanned by the image reader in the [[a]] memory,

encoding encode the RAW image data included in the first type of page data in response to the completion of storing, and

determining determine whether or not image data resulting from encoding the RAW image data exists,

wherein if the resultant image data does not exist, the control unit controls the first output unit to output the RAW image data,

wherein if the resultant image data does exist, the control unit decodes the resultant image data into RAW image data, and controls the first output unit to output the decoded RAW image data, and

wherein if the second output unit is not referring to the RAW image data of which the first output unit completes an output, the control unit deletes the RAW image data of which the first output unit completes the output.

21. (Previously Presented) The data processing apparatus according to
Claim 20, wherein the first output unit is a printer and the second output unit is a FAX.

22. (Currently Amended) A data processing method for output-processing
image data for respective pages, comprising:

a page data management step performed for each of respective pages
scanned by an image reader, wherein the page data management step which includes at
least the steps of:

creating a page management records record and storing the page
management record in a memory, wherein the page management record corresponds to
corresponding to respective pages of RAW image data from plural pages the respective
page scanned by [[an]] the image reader,

generating a first type of page data and a second type of page data and
storing the first and second types of page data in the memory, wherein the first type of page
data includes for management for one page of the RAW image data representing the
respective page and [[a]] the second type of page data includes for management for image
data generated by encoding said one page of the RAW image data included in the first type
of page data, in the respective one of the page management records;

writing a memory address of the first type of page data and a memory
address of the second type of page data to the page management record,

managing respective output processes by a first output step and a second
output step referring to the created page management records record, and

deleting the first type of page data from the ~~corresponding~~ page management record in response to completion of the references by both the first and second output steps to the first type of page data, and

a control step performed for each of the respective pages scanned by the image reader, wherein the control step which includes at least the steps of:

monitoring completion of storing the first type of page RAW image data scanned by the image reader in the [[a]] memory,

encoding the RAW image data included in the first type of page data in response to the completion of storing, and

determining whether or not image data resulting from encoding the RAW image data exists,

wherein if the resultant image data does not exist, the control step controls the first output step to output the RAW image data,

wherein if the resultant image data does exist, the control step decodes the resultant image data into RAW image data, and controls the first output step to output the decoded RAW image data, and

wherein if the second output step is not referring to the RAW image data of which the first output step completes an output, the control step deletes the RAW image data of which the first output step completes the output.

23. (Previously Presented) The data processing method according to Claim 22, wherein the first output step comprises outputting using a printer, and the second output step comprises outputting using a FAX.